

**OTHER 40051B\_AMCOM SUPPLEMENT**  
**40051B\_AMCOM DTD AND FOSI SUPPLEMENT**

HOW to use a modified version of the  
ARMY's MIL-STD 40051B DTD and FOSI

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**U.S. ARMY AVIATION AND MISSILE COMMAND**

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## LIST OF EFFECTIVE PAGES

Insert the latest changed pages in accordance with the instructions on the transmittal sheet.

NOTE: On a changed page, the portion of the text affected by the latest change is indicated by a vertical line in the outer margin of the page. Changes to illustrations are indicated by a letter suffix adjacent to the identification number. Added or completely revised chapters, sections, paragraphs, tables, etc., are indicated by a vertical line by the title.

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A .....	0	2-7 .....	0
B Blank .....	0	2-8 .....	2
i .....	0	2-9 .....	2
1-1 .....	0	2-10 .....	0
1-2 Blank .....	0	2-11 .....	0
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\*Zero in this column indicates an original page.

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## 40051B\_AMCOM DTD and FOSI Supplement HOW to use a modified version of the

### ARMY's MIL-STD 40051B DTD and FOSI

#### REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this documentation should be addressed to: Commander, U.S. Army Aviation and Missile Command (AMCOM), ATTN: AMSAM-MMA-NP (LEACH), Redstone Arsenal, AL 35898-5000 or e-mail to: Allissa.Leach@us.army.mil.

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## CHAPTER 1 OVERVIEW

### SECTION I. SCOPE

This supplement addresses the changes to the DTD and FOSI supplied by AMCOM.

### SECTION II. APPLICABLE DOCUMENTS

The requirements to develop TMs are to adhere to the standards set forth in MIL-STD 40051B and MIL-HDBK-1222B.

### SECTION III. IDENTIFYING ERRORS OR ISSUES

Submittal of problems or recommended changes to the DTD and FOSI should use the layout as described below. The more detail and narrative you provide the better we can understand your issues.

Element Name	<inspec-form>
Sample XML	See attached XML file named: problem-inspec-form.xml and sample PDF
Narrative and Description of Problem or Recommended Change	Your name, Your Organization Name and Address, Phone Number and/or DSN Number
POC E-mail Address	Your E-mail Address

### SECTION IV. GRAPHICS

#### NOTE

**As a rule of thumb, make sure the Graphic size for graphics are full page, ½ page, ¼ page, or 1/8 page of at least 600 DPI. Determine the size of the graphic by measuring from the top of the graphic to the bottom. More than one illustration may be placed in the designated graphic area. The illustrator should design the graphic to fit the given dimension. Shrinking and enlarging may lose clarity of the illustration.**

Reference the document titled "Printer\_Setting\_for\_CGM\_Graphics.PDF. This document illustrates how to verify the settings for your printer to properly output an EPIC generated PDF that has CGM graphics. Contact your System Administrator to modify your printer settings.

### SECTION V. TOUCH UP AND PROCESS INSTRUCTIONS

Touchup (Process instruction or PI) should be used cautiously. Before using PIs in Arbortext, consult Publication Services DTD/FOSI team. Refer to Section III to submit a problem report to the Publication Services DTD/FOSI administrator.





## CHAPTER 2

### ELEMENTS AND ATTRIBUTES

#### SECTION I. ATTRIBUTES ON ELEMENTS ARE ESSENTIAL.

Here is a list of elements and how to modify attributes for your Technical Document.

1. Column 1: Element Name
2. Column 2: Attribute Name. An asterisk (\*) denotes the attribute is required.
3. Column 3: Explanation of the content of the attribute and how it is used by the FOSI.

The first column denotes the element name. The Second column denotes the attribute name. The third column denotes whether the attribute is required. The fourth column denotes the explanation how the attribute is used by the FOSI.

**Table 2-1. Element to Attribute Matrix**

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
_comment		Insert comments or notes as required. This is helpful when another editor may pick up this work at a later date.
Applic	Show.close	<p style="text-align: center;"><b>NOTE</b></p> <p>To prevent the text from wrapping to the next line, insert &lt;brk&gt; before &lt;applic&gt;. This may affect data in tables or paragraphs.</p> <p>This is usually referred to a Reference Designator. The text is white with a blank background. When the show.close=1 the closing bracket is displayed.</p>
Anchor		Not used. Element was to be used to manipulate the size and placement of the graphic. Use the attribute "placement" on <FIGURE>.
Callout within elements pltbl, nsindex, and pnindx	Id	ID of the callout
	Assocfig*	Fig ID referenced; outputs Figure # and title
	Numref	Item number referenced; outputs "ITEM" and the content.
	Partref	Part number referenced; outputs the part number
	Label	Label of the callout (in RPSTL tables)
Contents	Tablelist	Set to 1 to output a list of tables
	Illuslist	Set to 1 to output a list of illustrations
EIR	label	=PDQR, outputs "Product Quality Discrepancy Report (PDQR)"
		Default, Outputs "REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIR)"

Table 2-1. Element to Attribute Matrix — Continued

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
Emphasis	Emph*	Select from the drop down list, i.e., Bold
	Color	IETM only; select from the drop down list
	presentation	IETM only; select from the drop down list
Extref	Taskid	ID of the task; task_23
	Wpid	ID of the work package, i.e., G00001-1-1550-695
	Itemid	ID of the item, i.e., Item4-3
	Pretext	Text to appear before your defined id
	Posttext	Text to appear after your defined id
	Tableid	ID of the table can be the table title, i.e., System_components_table
	Partid	ID of the part number, i.e., pn1-1
GIM	Imlevel*	Intermediate maintenance level; select from the drop down list; Titles displayed will reflect your selection. Will display “GENERAL INFORMATION” All selections will be ignored.
expdur-category	catg-name	= “NOT APPLICABLE” if no items are in your Expendable and Durable Items List.
Graphic	Boardno*	Name of graphic (see entity references)
	Hscale	Percentage of the size of the graphic. Default is blank.
	Vscale	Percentage of the size of the graphic. Default is blank.
	Label	Default = blank; For list of manufactured items, use label to type in the Figure Title if required, i.e. “Figure 1. Torque Measurements”
howtowuse	texttype	PM FOSI only: set the attribute texttype = "notitle" if you do not have a Title Block Page (<titblk>).
inlinegraphic		When inserting in a <para>, make sure you place a space before and/or after.
	Boardno*	Used when placing a small graphic within text.
	scalefit	added to accommodate small graphics to be sized in Epic.
Item	Label	= nonum does not display the numbering or lettering
item in seqlist	label	“ “ = no numbering of the item
Mac AVMAC	Config	= 2 to display the MAC Chart as TWO Level Maintenance (Field maintenance And Sustainment)
		= 1 or blank will display the MAC Chart as a FOUR Level Maintenance (Organization, Direct Support (DS), General Support (GS) and Depot Support.
		= 3 to display the MAC Chart as MIL-STD 40051C–2 TWO Level Maintenance (Field Maintenance And Sustainment)

Table 2-1. Element to Attribute Matrix — Continued

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
maintenance in <tereqtab> and <explist>	aviation	= 1 and lvl = O, output AVUM
		= 1 and lvl = D, output DEPOT
		= 1 and lvl = H, output AVIM
		= 1 and lvl = F, output AVIM
maintfunc	func	= none, no output (blank)
MIM, OPIM	imlevel*	Intermediate maintenance level; select from the drop down list; Titles displayed will reflect your selection.
		= gensup will display "GENERAL SUPPORT MAINTENANCE INSTRUCTIONS"
		= gensup and maintlvls=14 and mac2lvl =1, will display "SUSTAINMENT MAINTENANCE INSTRUCTIONS"
		= unitlvl will display "UNIT LEVEL MAINTENANCE INSTRUCTIONS" will display "DEPOT MAINTENANCE INSTRUCTIONS"
		= unitlvl and maintlvls = 24 (see paper.manual attribute) will display "FIELD MAINTENANCE INSTRUCTIONS".
		= avum-avim will display "UNIT AND INTERMEDIATE MAINTENANCE INSTRUCTIONS"
		= avim will display "INTERMEDIATE MAINTENANCE INSTRUCTIONS".
		= avum will display "UNIT MAINTENANCE INSTRUCTIONS".
		= dirsup will display "DIRECT SUPPORT MAINTENANCE INSTRUCTIONS"
		= inter will display "INTERMEDIATE MAINTENANCE INSTRUCTIONS"
		= oper will display "OPERATOR MAINTENANCE INSTRUCTIONS"
		= tmlvls will display "OPERATOR, UNIT, GENERAL AND DIRECT SUPPORT MAINTENANCE INSTRUCTIONS"
		= tmlvls and maintlvls = 24 (see paper.manual attribute) will display "FIELD AND SUSTAINMENT MAINTENANCE INSTRUCTIONS".
		= tmlvls and maintlvls = 13 (see paper.manual attribute will display "OPERATOR, UNIT, GENERAL AND DIRECT SUPPORT MAINTENANCE INSTRUCTIONS".
	mimtype	= PMI, Preventive Maintenance
		= PMS, Preventive Maintenance

Table 2-1. Element to Attribute Matrix — Continued

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
Null	Insert	=NA outputs “NA”
		=NR outputs “Not Required”
		=none default, no output
		=secure no output
		=dash outputs “-”
Opunuwp	Emergency	= 0 default
		= 1; to turn on emergency borders on PDF output
Paper.Manual	Revno*	0 = default;
	Maintlvls*	Select the Maintenance level from the drop down list; This selection will determine part of the TM title.
	Maintitl*	Text data; outputs the text with the TM Title “Operator Manual”
	Date*	Publication Date
	Pubno	Publication Number, i.e., “TM 1-1550-695-12”. This field will automatically display the Publication Number on the top of each page.
	Currentasof*	Current as of date, i.e., “11 April 2006” This date will display automatically on the Title Page of the document for RPSTL TMs only when the attribute rpstl on production is set = 1 or 2 (paper manuals only).
	Dmwr-inclus	= parts includes “(INCLUDING DEPOT MAINTENANCE REPAIR PARTS)” to the TM Title =parts-tools includes “(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)” to the TM Title Blank is the default
	Rpstl*	= 0 is the default =1 if you have included a RPSTL in your TM( -&P); adds “INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST” to the TM title. This attribute will automatically add the “&P” to the Pubno attribute, ie. “TM 1-1550-695-12&P”
		To set the TM as a RPSTL (only), make sure to set Rpstl = 1 and maintlvls = “NA” this will automatically output the correct TM title for a RPSTL TM as “REPAIR PARTS AND SPECIAL TOOLS LIST”.
		= 2 RPSTL TM only
	Multivolume	0 = default 1 = denotes multivolume document
para	parahead	Type in the title of the paragraph. The title will be bolded, followed by a period (.) and 2 em spaces. The text of the <para> will immediately follow.
	label	To number a paragraph, type in the letter or number followed by a period.
Plcomp	Indentlevel*	Select 1 thru 5 from drop down list to display the number of indenture level; = 2 will display “. . .” prior to the description in the table
	Label	# of the callout

Table 2-1. Element to Attribute Matrix — Continued

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
Plitem	Id*	Id of the item in a functional group
Pms, Pmi, Sys-ts	Revno	0 = default;
	Mainttitl*	Text input in this attribute will output as is, ie. outputs "Operator Manual"
	Maintlvls*	Type book select form drop down list; This selection will determine the TM title. Set = NA if the TM is a RPSTL TM and set rpstl = 1. Set = PMI or PMS, Preventive Maintenance Manual.
	Date	Publication Date
	pubno	Publication Number, i.e., "TM 1-1550-695-12&P" Displays the Publication Number on the top of each page.
	Currentasof*	Current as of date, i.e., "11 April 2006"
production	mac2lvl	= 0 default
		= 1 Allow the new TM Titles per LOGSA
		<p style="text-align: center;"><b>NOTE</b></p> <p>Can still do DMWR/NMWR, RPSTLs, and (!!!! At this point in the tagged instance an entity was referenced which was not previously defined. Please correct your work!!!!)</p> <p>New -12, -20, -30, &amp; -34 manuals are not allowed.</p> <p>For existing manuals, the titles can be changed during a change to the manual. Change the numbers by creating a new manual that will supersede the old one(s) when it is time to revise the manual(s).</p> <p>TM Numbers and Titles</p> <ul style="list-style-type: none"> <li>-10 Operator's Manual for ...</li> <li>-13 Operator and Field Maintenance Manual for...</li> <li>-14 Operator, Field, and Sustainment Maintenance Manual for...</li> <li>-23 Field Maintenance Manual for...</li> <li>-24 Field and Sustainment Maintenance Manual for ...</li> <li>-40 Sustainment Maintenance Manual for...</li> </ul> <p>NA Repair Parts and Special Tools List</p>
Randlist	Bullet	= 0 default
		= 1 to display bulleted items
	Label	Can set to any character, i.e., - will display the dash. You must also set the attribute bullet = 1 for this to work. For numbers or characters leave bullet = 0.

Table 2-1. Element to Attribute Matrix — Continued

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
remarkrefs	Refs*	List the ids separated by a space, i.e., "A B" will display "A, B" on the <mac> and <avmac> Chart. If you do not have a remark to reference does not add the tag. <remarkrefs> is not required and will produce a parsing error if you leave the attribute REFS blank.
servbranch	qualify	=NAVSEA, outputs NAVSEA
		= NAVAIR outputs NAVAIR
servnomen in <frntcover>	label	= COMMAND if this TM is a command pub. The AMCOM Command address will output on the Title page followed by the Publication date.
SIM	imlevel*	Intermediate maintenance level; select from the drop down list; Titles displayed will reflect your selection.
		Will display "SUPPORTING INFORMATION" All selections will be ignored.
Smr	Sourcode*	Consult your provisioning, item manger, or RPSTL Subject Matter Expert (SME).
	Maintcode*	
	Recovercode*	
subfig	id	= id of the subfig
	sheet	= number of the sheet (used to cross-reference a subfig)
	totlasheets	= total number of sheets in the figure (used to cross-reference a subfig).
Table, Figure	Id	= Id of the table or figure, i.e., System_components_table or Air_Vehicle
	Tocentry	= 1 to list in table of contents; =0 to not list in the table of contents;
	label	=nonum, denotes no numbering
		=nonum-cont, denotes no numbering and no continued titles on the next page.

Table 2-1. Element to Attribute Matrix — Continued

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
Table	tabstyle	Setting this attribute to the following values for tables in a figure only.
		= 7pt, denotes all table entry items are set to font size 7pt
		= 8pt, denotes all table entry items are set to font size 8pt
		= 9pt, denotes all table entry items are set to font size 9pt
	orient	= land, rotates the table to be viewed as landscape
	tabstyle	<p style="text-align: center;"><b>NOTE</b></p> <p>The following apply only to Aircraft Preventive Maintenance Manuals.</p> <p>= PMI, table will begin on the next page. (Attribute mimtype = PMI on &lt;mim&gt; and attribute maintlvls = PMI on &lt;pmi&gt; also must be set to trigger the table beginning on a new page.</p>
	label	nonum-cont will not increment the table counter or output the table title including continued headers.
Terefs	Refs*	List the ids separated by a space, i.e., "Ref1 Ref2" will display 1, 2 on the <mac> and <avmac> Chart. IF you do not have a tool to reference. <terefs> is not required and will produce a parsing error If you leave the attribute REFS blank.
term.def in a deflist	Id	Used to reference the Abbreviations and Acronyms., i.e., The term is A2D2, then the id = def_a2d2
Title	Id	Used to reference titles, i.e., Warning_displays

Table 2-1. Element to Attribute Matrix — Continued

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
TIM	Imlevel*	Intermediate maintenance level; select from the drop down list; Titles displayed will reflect your selection.
		= gensup will display "GENERAL SUPPORT MAINTENANCE TROUBLESHOOTING PROCEDURES"
		= gensup and maintlvls=14 and mac2lvl-1, will display "SUSTAINMENT"
		=gensup and maintlvls Not = 14, will display "GENERAL SUPPORT TROUBLESHOOTING PROCEDURES"
		= depot will display "DEPOT TROUBLESHOOTING PROCEDURES"
		= unitlvl will display "UNIT LEVEL TROUBLESHOOTING PROCEDURES"
		= unitlvl and maintlvls=24 will display "FIELD TROUBLESHOOTING PROCEDURES"
		= avum-avim will display "UNIT AND INTERMEDIATE MAINTENANCE TROUBLESHOOTING PROCEDURES"
		= dirsup will display "DIRECT SUPPORT MAINTENANCE TROUBLESHOOTING PROCEDURES"
		= avim will display "INTERMEDIATE MAINTENANCE TROUBLESHOOTING PROCEDURES".
		= avum will display "UNIT MAINTENANCE TROUBLESHOOTING PROCEDURES".
		= inter will display "INTERMEDIATE MAINTENANCE TROUBLESHOOTING PROCEDURES"
		= oper will display "OPERATOR MAINTENANCE TROUBLESHOOTING PROCEDURES"
		= tmlvls will display "OPERATOR, UNIT, GENERAL AND DIRECT SUPPORT MAINTENANCE TROUBLE SHOOTING PROCEDURES"
		= tmlvls and maitlvls = 24 (see paper.manual attribute) will display "FIELD AND SUSTAINMENT".
		= tmlvls and maintlvls = 13 (see paper.manual attribute will display "
titlepg	chap-toc	=0 on gim, mim, opim, sim, and tim. Per MIL-STD-40051B, the chapter TOC is not required. The only required TOC is the troubleshooting index work package <tsindxwp>.
tsindx	label	=nonum, to remove the numbers of all <tsindx-entry>
warning	keyword	sets the text as bold-centered– all caps above the warning statement.
Warnsum	Id	Used when you are referencing the Warning Summary, i.e., Warn_sum



Table 2-1. Element to Attribute Matrix — Continued

(1)	(2)	(3)
ELEMENT	ATTRIBUTE NAME	CONTENT
Wpno	Wpref*	Used to display the Work Package number in the Loepwp; i.e., Wpref=G00001-1-1550-695
wpidinfo	changelvl	= change level of the work package
	last-mod	= date denoting the date of the change
Xref (Refer to 40051B, paragraph 4.8.23.)	<p style="text-align: center;"><b>NOTE</b></p> <p>Referencing Chapters in a TM are to be hard coded.</p> <p>When referencing titles, using Taskid Figid, or Tableid, the output will include the figure number or table number to include the title.</p>	
	Taskid	ID of the task, i.e. task_23; Displays “Task 23”
	Wpid	ID of the work package, i.e., G00001-1-1550-695; outputs WP 00001
	Figid	Id of figure; outputs Figure # and title.
	Itemid	ID of the item, outputs Item #, i.e., Item 4-3
	Itemno	Outputs “ITEM “ followed by the content of itemno
	Stepstart	Outputs content preceded by “STEP”
	stepend	Outputs content preceded by “through”
	Pretext	Outputs the text to appear before your defined id
	Tslocid	Outputs trouble shooting reference
	Posttext	Outputs contents after all the IDs are outputted.
	Pagelocid	Not used
	Tableid	Outputs the Table # and Title based on the ID of the table, i.e., System_components_table; outputs Table # and title.
	texttype	=caps, capitalize the text when in a <pltb>.
* Attribute is required		

## SECTION II. DISTRIBUTION STATEMENTS

### NOTE

**Any questions about the content of Distribution statements, refer to DA PAM 25–40 and DoD Directive 5230.24.**

Reference AR 25-40 and the DoD Directive subj: Distribution Statements on Technical Documents, dated 18 March 1987 when constructing the distribution statements in your document. The DTD was modified to match the Distribution statement in 40051C. Note the punctuation. You can copy the distribution statement from the Front Cover to the <titleblk> element. See the example statement below:

The Warning statement is output only on Distribution D statements and the Destruction Notice is required when the distribution statement is B, C, D, E, F, or X.

**Table 2-2. Example Distribution Statement**

```
<dist><c.statment><title>Distribution Statement C </title> <text>Distribution is authorized to U.S. Government
Agencies and their contractors to protect </text> <critch><text> This determination was made on
</text><reasondate>10 December 2005</reasondate> <text>. Other requests for this document shall be
referred to </text> <releaseagent>UAV Project Office, SFAE-AV-UAV-LO, Redstone Arsenal, AL 35898
</relleaseagent><text>.</text></c.statment></dist>
```

When selecting the reason the output of the following tags have been approved by AMCOM Editing.

**Table 2-3. Distribution Reasons**

Reason	Text output
proprietary	proprietary information
testeval	test and evaluation
cntrctperform	contractor performance evaluation
premature	premature dissemination
frgngvt	foreign government information
softwaredoc	software documentation
crittech	critical technology
adminops	administrative or operational use
specauth	specific authority
milsprt	direct military support

## SECTION III. EMERGENCY BORDERS

Set the attribute “emergency =1” on the element <opunuwp> to output the emergency borders. The paper size required is 11in x 17in when sent to the printer. The Printer (Editing sends the PDF or hardcopy to a printer contracted with GPO) assembles and prints the Technical Manual per direction from the assembly sheet, thus the emergency pages will be printed on 11in x 17in paper. The Printer will then crop the pages to 8.5in x 11in and insert the emergency bordered pages into the book. When you print these pages locally on your printer (your printer may not have capability to print on 11in x 17in paper), the pages will be resized to fit on 8.5in x 11in paper. You can check or verify the page size in Adobe Reader by selecting “Rulers” from the “View” drop-down menu.

## SECTION IV. APPLYING CHANGE LEVEL OR REVISION LEVELS IN A DOCUMENT

### 2-1. APPLY CHANGE LEVEL AND CHANGE BARS.

**NOTE**

1. The <change> tag can be used around the following elements: emphasis | extref | ftnote | ftnref | indxref | subscript | superscript | xref | applic | cageno | callout | dodac | dwgname | dwgno | modelno | name | nsn | partno | sc | ctrlind | ctrlind-val | lubricant | pageloc | symbol | torque | voltage | null. See the table above to set the attributes on the <change> tag.
2. The <change> tag can also be used within the following tags: alphaindx | areano | avim | avum | cageno | chgdate | chgno | city | country | crew | crewmember | ctrlind-val | date | daterec | depot | direct | dodac | dwgname | dwgno | eic | fnccode | fsc | gensup | groupno | illno | initials | insertpg | insp-method | insppt | interval.hours | itemno | key | lubricant | memdata | memloc | messageword | modelno | modreq | nameid | niin | operator | org | pageno | partno | phone | pubindent | qty | qtyrec | reasondate | remarkcode | revform | revtag | sc | secitem | sig | sigfunc | signame | state | street | subscript | superscript | terefcodes | term | tmno | toolno | torque | totalhrs | typedes | um | verbatim | voltage | zip.

Set the attribute inschlvl = to the value of the current change number on the element to set the change markings in a document.

**2-2. SUPERSEDE A WORK PACKAGE.** Insert the <wpsupersede> tag after the <title> in <wpidinfo>. Refer to MII-STD-40051B, para 4.8.9.1.5.

**2-3. SUPERSEDE NOTICE PLACEMENT IN A CHANGED WORK PACKAGE IN THE SAME MANUAL.**

**a. Supersede a Classified Work Package.**

**(1) Unclassified Work Package.** Set the following attributes.

1. Set supersede.wpseq to the Workpackage number to be superseded, i.e., "WP 00053".
2. Set supersede.dated to the supersede date, i.e., "10 Jan 2004".
3. Set supersed.secure = "0".

**(2) Classified Workpackage.** Set the following attributes.

1. Set supersede.wpseq to the Workpackage number to be superseded, i.e., "WP 00053".
2. Set supersede.dated to the supersede date, i.e., "10 Jan 2004".
3. Set supersed.secure = "1".

**b. Supersede Work Package in a different manual.** Set the following attributes.

1. Set the attributes as defined for an unclassified or classified supersedure for a Work Package. Refer to paragraph 2-3a(1) or paragraph 2-3a(2)
2. Set from.tmo to the Publication Number if the Work Package is in another TM, i.e., "TM 1-1550-695-13&P".

Table 2-4. Element to Attribute Values to Set Change Bars

(1)	(2)	(3)
Element	Attribute Name	Description
Mim, Gim, Opim, Pim, Sim, Tim	revno*	Set to the revision number, i.e., set = 1 for revision 1.
	Chngno*	Set to the change number, i.e., set = 5 for change level 5. This date will display after the change number in the page footer.
	Inschlvl	Set = to the value of the current change numberto display the change mark on every page of the work package.
	delchlvl	Set = to the value of the current change number to denote deletion. No change mark is displayed.
	DATE	Change Date; This date will display after the change number in the page footer.
	Tmno*	TM Number, i.e., TM-1-1550-695-12&P
Aalwp, ammo.markingwp, ammowp, auxeqpwp, Coeibiwp, compchklistwp, csi.fscap.wp, ctrlindwp, descwp, eqploadwp, Explistwp, facilwp, gen.maintwp, genwp, ginfowp, Introwp, inventorywp, lubewp, Macintrowp, Macwp, maintwp, manuwp, mobilwp, Mrplwp, natowp, nsnindxwp, oipwp, opcheck-tswp, opcheckwp, opunuwp, opusualwp, Perseqpwp, pidb, Plwp, Pmcsintrowp, Pmcswp, pm-ginfowp, pmi-cklistwp, pmiwp, pms-ginfowp, pms-inspecwp, pnindxwp, pshopanalwp, qawp, refdesindxwp, Refwp, Rpstlwp, stlwp, storagewp, supitemwp, Surwp, techdescwp, thrywp, Toolidwp, torquewp, tsindxwp, tsintrowp, tswp, wiringwp, wloadwp	Inschlvl	Set = to the value of the current change number to display the change mark on every page of the work package.
	delchlvl	Set = to the value of the current change number to denote deletion. No change mark is displayed.
	Last-mod	Date the work package was last updated, i.e., "31 March 2006". This date will display in the footer of workpackage.
	Changelvl	Change level of the work package, i.e., set = 5 for Change 5. This will display the change level on every page of the work package.
	Written-on	Date the work package was written; can be the publication date, i.e., 31 March 2006
	Written-by	Author of the Pub, i.e. "R. Smith" or "Westar Corp. M. Smith".
	Wpno*	ID of the work package, i.e., O00024-1-1550-695
contents	inschlvl	set to change number; The change number will appear in the page footer
howtouse in paper.frnt	inschlvl	set to change number; The change number will appear in the page footer
loepwp	inschlvl	set to change number; The change number will appear in the page footer
titleblk	inschlvl	set to change number; The change number will appear in the page footer
wpsupersede	super-sede.wpseq	= work package number,i.e., "WP 00053".
	super-sede.dated	= date of supersede, i.e., "10 Jan 2004".
	superse.secur	= 1, Classified
		= 0, Unclassified
warnsum	inschlvl	set to change number; The change number will appear in the page footer
* Attribute is required		

## SECTION V. RPSTLS

When coding -&P manuals only, use the appropriate tags as described.

All Figures and tables maybe in separate work packages or in a single workpackage depending on the size the RPSTL data.

For multi-volume documents to put each figure and associated table matter in a separate work package.

Set the <figure> element attribute placement = "facingpg" when you want the table to display on the same page as the figure.

An example of the Section II data tagging in the table is below:

**Table 2-5. Sample RPSTL Tagging (Section II)**

```
<pltbl id="ptbl1"><fncgrp> <fnccode>0101</fnccode> <fnctitle>System, RQ-11B Raven, Army, SUAS </fnctitle>
<figref idref="figsys_rq-11b_suas"/></fncgrp> <plitem id="plitem2"><cageno>3SQS9</cageno><desc-
uoc><name>Raven Soft Pack</name></desc-uoc> <qty>1</qty></plcomp>

<callout assocfig="figair_veh_sys_rq-11b_suas"/> <smr sourcecode="AO" maintcode="D"
recovercode="DD"/><nsn id="nsn2-0"><fsc></fsc> <niin></niin></nsn><partno id="pn2-
0">RA5400SNAASXSX</partno> <cageno>3SQS9</cageno><desc-uoc><name>Air Vehicle NHA Fig
1</name></desc-uoc> <qty>1</qty> </plitem>

<plcomp indentlevel="1" id="plitem2-1"> <callout assocfig="figair_veh_sys_rq-11b_suas" label="1"/> <smr
sourcecode="PA" maintcode="O" recovercode="OZ"/><nsn id="nsn2-1"> <fsc></fsc><niin></niin></nsn><partno
id="pn2-1">RA54682</partno> <cageno>3SQS9</cageno><desc-uoc><name>Right Wing Tip
Assembly</name></desc-uoc> <qty>1</qty></plcomp>

<plcomp indentlevel="1" id="plitem2-2"> <callout assocfig="figair_veh_sys_rq-11b_suas" label="2"/> <smr
sourcecode="PA" maintcode="O" recovercode="DZ"/><nsn id="nsn2-2"> <fsc></fsc><niin></niin></nsn><partno
id="pn2-2">RA54684AX</partno> <cageno>3SQS9</cageno><desc-uoc><name>Tailboom
Assembly</name></desc-uoc> <qty>1</qty>

</plcomp><plcomp indentlevel="1" id="plitem2-3"> <callout assocfig="figair_veh_sys_rq-11b_suas"
label="3"/> <smr sourcecode="PA" maintcode="O" recovercode="OZ"/><nsn id="nsn2-3">
<fsc></fsc><niin></niin></nsn><partno id="pn2-3">RA54683</partno> <cageno>3SQS9</cageno><desc-
uoc><name>Stabilator Assembly</name></desc-uoc> <qty>1</qty>

</plcomp><plcomp indentlevel="1" id="plitem2-4"> <callout assocfig="figair_veh_sys_rq-11b_suas"
label="4"/> <smr sourcecode="PA" maintcode="O" recovercode="OZ"/><nsn id="nsn2-4">
<fsc></fsc><niin></niin></nsn><partno id="pn2-4">RA54681</partno> <cageno>3SQS9</cageno><desc-
uoc><name>Left Wing Tip Assembly</name></desc-uoc> <qty>1</qty></plcomp>

....

....

....

<fsc></fsc><niin></niin></nsn><partno id="pn2-7"> RA51004</partno>
```

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The following table is an example of tagging the Part Number Index Table.

**Table 2-6. Sample Part Number Index Table Tagging**

```
<pnindxrow><partno>RA09000028</partno><cageno>3SQS9</cageno> <callout assocfig="fig_initspares_rq-11b_suas" label="4"/> <callout assocfig="fig_initspares_rq-11b_suas" label="6"/></pnindxrow>

<pnindxrow> <partno>RA09000029</partno><cageno>3SQS9</cageno> <callout assocfig="fig_initspares_rq-11b_suas" label="4"/> <callout assocfig="fig_initspares_rq-11b_suas" label="2"/></pnindxrow>

<pnindxrow> <partno>RA51137</partno><cageno>3SQS9</cageno> <callout assocfig="fig_initspares_rq-11b_suas" label="4"/> <callout assocfig="fig_initspares_rq-11b_suas" label="3"/></pnindxrow>

<pnindxrow> <partno>RA54684AX</partno><cageno>3SQS9</cageno> <callout assocfig="fig_sparefly_kit_" label="5"/><callout assocfig="fig_sparefly_kit_" label="6"/></pnindxrow>

...

...

...

<pnindxrow><partno>RA56285</partno><cageno>3SQS9</cageno> <callout assocfig="fig_gcs_rq-11b_suas" label="3"/><callout assocfig="fig_gcs_rq-11b_suas" label="5"/></pnindxrow>

<pnindxrow> <partno>RA56363</partno><cageno>3SQS9</cageno> <callout assocfig="fig_gcs_rq-11b_suas" label="3"/><callout assocfig="fig_gcs_rq-11b_suas" label="7"/></pnindxrow>

<pnindxrow> <partno>RA57000</partno><cageno>3SQS9</cageno> <callout assocfig="figsys_rq-11b_suas" label="1"/><callout assocfig="figsys_rq-11b_suas" label="1"/></pnindxrow> </pnindx>
```

The following table is an example of tagging the Part Number Index Table.

**Table 2-7. Sample National Stock Number Index Table Tagging**

```
<nsnindx label="nonum" id="nsn_index_table"> <nsnindxrow><nsn><fsc>1550-</fsc><niin>01-538-9256</niin></nsn> <callout assocfig="figsys_rq-11b_suas" label="1"/> <callout assocfig="figsys_rq-11b_suas" label="1"/></nsnindxrow> </nsnindx>
```

## CHAPTER 3 MISCELLANEOUS

### SECTION I. FONTS

#### WARNING

Using *Helvetica* fonts in your IETMs or PDFs may cause your document to become distorted.

#### NOTE

- The *Helvetica* font was removed from Adobe software some time around release 5 or 6.
- Microsoft purchased the *Helvetica* font and named it the *Arial* font.
- It is not necessary to purchase the *Helvetica* font for your PC or installed other software with *Helvetica* font then their text and it's wrapping may become distorted.

The *Helvetica* font is not allowed in PDF output of authenticated Technical Manuals at AMCOM. AMCOM uses the *Arial* font as default.

### SECTION II. AUTO-GENERATED TITLES

The following list of elements generate automatic titles. To cross reference these titles in your documents, set the id. Then use the id in the <xref> to reference the title and subsequent information. A list of the automatic generated titles are as follows:

acptrejinsp	clean	fording	precal	shelter
adjust	cover	groundtsk	prepmove	site
align	cpcdata	handreceipt	prepforuse	siting
alignproc	decon	hoist	preserv	sling
ammo.defect	destructmat	inspinstitm	processeqp	shltr
ammo.handling	disassem	install	pss	surmat
ammo.markings	ecm	jack	pssref	test-inspect
ammo.packing	eir	locdesc	reclam	test-pass
ammo.unpacking	eqpconfig	lube	remove	tow
arm	eqpdata	mfr	repair-rplc	unpack
assem	eqpdiff	moor	ris	unusualenv
calibration	eqpinfo	ndti	scope in gininfowp	
calign	extconn	odsdata	service	
chkeqp	extpwr	prdin	setconn	